

H 6454

to

6503

Station No. *H 6454*Date: *May 3 1916* 191Hour: *2:30 P.* M. to *—* . M.

Position: Lat.

Long.

Locality:

Depth:

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>N-298523</i>	<i>75.5</i>		<i>-0.3</i>	<i>24.00</i> <i>75.2</i>	<i>taken surf w. sample bottle used</i>	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: *Under way
Ranch*

11-5314

Station No. H 6455 Date: May 3, 1916 191

Hour: 4:30 P. M. to — . M.

Position: Lat.	Long.
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Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

Under way
Rapid

11—5314

Station No. *H 6456* Date: *May 3, 1916* 191

Date: *May 3 1916* 191

Hour: 6:30 P. M. to — . M.

Position: Lat.

Long.

Locality:

Depth:

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	N-298523	75.8		-0.3	24.17 75.5	✓	

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

Linder vray
Rangin

11—5314

NETS, ETC., USED

[illegible]

11—5314

NOTES

Psych. W 79.4 D 73.1
19.5

Chart 1006

Long. $110^{\circ} 50' 00''$ W
Lat. $19^{\circ} 1' 40''$ N

Under way
Sloven

Date: May 4 1916

Hour: 8:30 a . M. to — . M.

Position: Lat.	Long.
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Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water: Transparency:

REMARKS:

11—5314

under way
Shaffer

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

Refractometer 11-17.2° D. 21.8°
19.3

Chart 1006

Long. 111° 11' 40" W
Lat 21° 7' 30" N

May 4 1916

Hour: 10:30 a. M. to . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, _____ Force, _____

Sea: Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

Ureter very
straight

NETS, ETC., USED

[illegible]

11—5314

NOTES

Psychrometer W. 19.0° D. 21.0°
19.1

Chart 1006

Long. 111° 16' 00" W
Lat. 21° 22' 30" N

Station No. *H 6460*

Date:

May 4 1916

Hour: 12:30 P. M. to — . M.

Position: Lat. Long.

Locality:

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

Under way
Shaper

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

Psychrometer W $\frac{19.5^\circ}{19.6}$ D 22.4°

Chart 1006

Long. 111° 21' 15" W
Lat. 21° 41' 00" N

Station No. H 6461 Date: May 4 1916

Date: May 4 1916

Hour: 2:30 P. M. to M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

under way
thru

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometer W. 19.7 D 22.5°
19.8

Chart 1006

Long. 111° 27' 30" W
Lat. 21° 57' 30" N

Station No. *H 6462* Date: *May 4* 191*6*

Date: May 24 1916

Hour: 4:30 P. M. to — M.

Position: Lat. Long.

Locality:

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

Under way
slower

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometers W ~~19.6~~ 19.7 D. 22.2°

Chart 1006

Long. 111° 32' 45" W
Lat. 22° 16' 20" N

Offshore from base N 68 E 10 mi dist. 96.0 mi.

191b

. M.

Long.

Locality:

Sample:

Force,

Sky:

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

Under way
Hafen

Station No. 1125

Date: 7 June 55

191 /

Hour: 9:30-1:00 A. M. to . M.

Position: Lat.

Long.

Locality: Magdalena Bay.

Depth: 37.5 Bottom: 2.5 Sample:

Wind: Direction, *77. SW.* Force, *2/3*

Sea: *2* Sky: *bce*

TEMPERATURES

Depth	Thermometer-- Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf.		60.5					
10 fms.		R: 60.0				#2	Eck.
20 fms.		L: 60.2				#5	Eck.
30 fms.		R: 56.2				#1	Eck.
40 fms.		L: 56.2				#1	Eck.
50 fms.		R: 12.9	14.8			#1	Eck.
60 fms.		L: 9.3	14.9			#1	Eck.
70 fms.		R: 12.89	14.8			#1	Eck.
80 fms.		L: 12.83	15.0			#3	Eck.
90 fms.		R: 12.8	15.3			#3	Eck.
100 fms.		L: 12.81	15.2			#3	Eck.
Surf.		10:06:45 am					
10 fms.		10:15:30 am					

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometer W. 15.9 D. 17.2
16.0

Chart 1006

Long. 112° 6' 45" W
Lat. 24 13 20 N

Estimated position N. 91°
Dist. 20 mi.

Station No. 71645

Date: Mar. 5

1916

Hour: 8:30 a. M. to _____ . M.

Position: Lat.	Long.
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Locality:

Depth: Bottom: Sample:

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
surf	NZ 98523	61.0°	—	-0.3	^{15.95} 60.7	X	—

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

MARKS: *under way*
Shaper

Station No. *H 6466* Date: *May 5 - 1916*

Hour: *9:37:00 A.M.* to *10:45:00 A.M.*

Position: Lat. Long.

Locality: *Magdalena Bay*

Depth: *31 meters* Bottom: *Cs. gy. S. sh.* Sample:

Wind: Direction, *N.W.* Force, *2 - 3*

Sea: *S* Sky: *bc*

TEMPERATURES

Depth	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>NZ 98523</i>	<i>60.5</i>		<i>-.3</i>	<i>60.2</i>	<i>X</i>	
<i>5 M.</i>	<i>N-298760</i>	<i>R. 60.0</i>	<i>—</i>	<i>-.5</i>	<i>59.5</i>	<i>X</i>	<i>#2</i>
	<i>NZ 71738</i>	<i>L 60.2</i>	<i>—</i>	<i>—</i>	<i>59.6</i>		<i>Eck</i>
<i>10 M.</i>	<i>N-298756</i>	<i>R 56.2</i>		<i>-.5</i>	<i>55.7</i>	<i>X</i>	<i>#5</i>
	<i>N-2 62855</i>	<i>L 56.3</i>	<i>—</i>	<i>-.9</i>	<i>55.4</i>		<i>Eck</i>
<i>15 M.</i>	<i>S-V 496</i>	<i>R 12.94</i>	<i>R 14.8</i>	<i>-.5</i>	<i>13.01</i>		<i>#4</i>
	<i>S-V 494</i>	<i>L 9.3</i>	<i>L 14.4</i>	<i>—</i>	<i>—</i>		<i>Eck</i>
<i>20 M.</i>	<i>S-V 805</i>	<i>R 12.89</i>	<i>R 14.8</i>	<i>-0.04</i>	<i>12.95</i>	<i>X</i>	<i>#1</i>
	<i>R 150</i>	<i>L 12.83</i>	<i>L 15.0</i>	<i>+0.06</i>	<i>12.99</i>		<i>Eck</i>
<i>25 M.</i>	<i>S-V 497</i>	<i>R 12.8</i>	<i>R 15.3</i>	<i>+0.05</i>	<i>12.95</i>	<i>X</i>	<i>#3</i>
	<i>S-V 493</i>	<i>L 12.81</i>	<i>L 15.2</i>				<i>Eck</i>
<i>Alow</i>		<i>10:06:45 A.M.</i>					
<i>Up</i>		<i>10:18:50 A.M.</i>					

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11-5314

31 meters = 17.5 fms (approx)
Revised

C. E. D. Long

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
# 4' Inter, #12 #20 net diagonal haul 25 water	Cable	0:30	10:45	-

11-5314

NOTES

Sounding Machine: Elect (aft)

Down

Up

9:51:20 am

9:52:10 am

9:57:30 "

9:51:45 am

10¹⁰ a.m. Psychrometer W. 17.1 D. 18.2°
17.2

12³⁰ p.m. Psychrometer W. 16.7 D. 19.2
Surf. temp. (H. 2. #98523) 62.1° cor. - .3
Water sample taken 61.8°
16.56

4³⁰ p.m. Psychrometer W. 17.3 D. 19.7
Surface temp. (H. 2. #98523) 62.7° - .3
Water sample taken 62.4°
16.89

6³⁰ p.m. Psychrometer W. 16.7 D. 19.2°
Surface temp. (H. 2. #98523) 63.0° - .3
Water sample taken 62.7°
16.85

Chart 1636

Entrada Pt. bears S 36 W (true) dist. 1.8 mi
Rafaelo Pt. S 30 1/2 E " " 3.4 "
Belcher Pt. " N 58 1/2 W " " 2.2 "

191

. M.

Long.

Locality:

Sample:

Force,

Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psych. W ~~75.6~~ 15.7 D 17.0

R. H.

Chart 1493

1. Aug. 12. S 75 E (true) dist 7.7 mi.

191 *C*

. M.

Long.

Locality:

Sample:

Force,

Sky:

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station 1146.5 D 19.2
16.6

Chart 1493

Station 1146.5 D 19.2

Station No. 11647 D

Date: 7/20/12

191

Hour: 12:30 P. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: _____ Sky: _____

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

Date: / /

1916

Hour: 4:30 P. M. to . M.

Position: Lat.

Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	11296522	64.0°	—	-0.3	^{17.61} 62.7	X	—

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11-5314

under way
Shaffer

Station No. *H 6472*

Date: May 6

191

Hour: 6:30 P. M. to . M.

Position: Lat. _____ Long. _____

Locality:

Depth: Bottom: Sample:

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	11298523	63.0	—	-0.3	62.7	X	.

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

Very much
Chapman

Station No. *H 6474*

Date: *may 7* 191*6*

Hour: 8:30 a. M. to . M.

Position: Lat.

Long.

Locality:

Depth:

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	112 98523	58.0	—	-0.3	57.7	X	—

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

Under way

Station No. *H 6475*

Date: May 7 1916

Hour: 10:30 a . M. to

M.

Position: Lat.

Long.

Locality:

Depth:

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
surf	11298523	56.6	—	-0.3	56.7	X	—

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

Washed away

1916

. M.

Long.

Locality:

Sample:

Force,

Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
surf	11298523	57.0°	—	-0.3	$\frac{13.72}{56.7}$	X	—

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Transparency:

REMARKS:

11—5314

7

[illegible]

11—5314

NOTES

Psychrometer ~~14.1~~ 14.5 D.H. 77%

Chart 1310

Spec. Temp. ... N 351 ... dist. 17.5 mi.

Station No. *H 6477*

Date:

May 7 1916

Hour: 2:30 P. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, _____ Force, _____

Sea: **Sky:**

TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
surf	N298523	61.6	—	-0.3	61.3	✓	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

Hard way.

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometer W ~~15.5~~ D 18.5
 15.6 73%

Chart 1310

Marro Redondo S. Arroyo bears N 46° E (true)
 dist. 15.3 mi.

Station No. *H 6479*

Date: May 7 1916

Hour: **6:30 P** . M. to **—** . M.

Position: Lat.

Long.

Locality:

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
surf	N298523	59.6	—	-0.3	^{157.7} 59.3	X	—

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

Under way

Station No. *A 64 50*

Date: 7/1/00

191

Hour: 6:30 A. M. to . M.

Position: Lat. _____ Long. _____

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: _____ Sky: _____

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	11-2-11523	61.7		-0.2	16.33 61.4	X	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS: Under way
Rough

11—5314

Station No. *11 4221*

Date: / /

191 /

Hour: 8:30 A. M. to . M.

Position: Lat.	Long.
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Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth.	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
Surf	N-25553	61.4		-0.2	^{61.49} 61.6		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5311

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psych. W ~~13.4~~ D 16.6
 14.0 76%

Chart 1006
 Guadalupe Island (south end)
 bears N 68½° W, distant 6.0 miles

Station No. *H 6472*Date: *May 1911*

191

Hour: *10* . M. to *11* . M.Position: Lat. *34° 15' N*Long. *118° 15' W*Locality: *Canada*Depth: *100*Bottom: *fine sand*

Sample:

Wind: Direction, *SE*Force, *2*Sea: *calm*Sky: *b, c*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
	<i>N-298573</i>	<i>62.5</i>		<i>-0.3</i>	<i>62.2</i>	<i>X</i>	
	<i>S-V 805</i>	<i>16.1</i>			<i>16.3</i>	<i>X</i>	<i>N/</i>
	<i>Rtr 150</i>	<i>16.1</i>	<i>21.1</i>	<i>-0.2</i>	<i>16.3</i>		
	<i>N-298256</i>	<i>62.1</i>		<i>-0.1</i>	<i>62.0</i>	<i>X</i>	
	<i>N-265855</i>	<i>62.2</i>		<i>-0.5</i>	<i>61.7</i>		
	<i>N-298760</i>	<i>62.2</i>		<i>-0.5</i>	<i>61.7</i>		
	<i>N-271738</i>	<i>62.2</i>		<i>-0.6</i>	<i>61.6</i>		
	<i>S-V 497</i>	<i>16.2</i>	<i>14.8</i>		<i>16.2</i>		
	<i>S-V 493</i>	<i>16.2</i>	<i>14.8</i>		<i>16.2</i>		
	<i>S-V 494</i>	<i>16.2</i>	<i>14.8</i>	<i>-0.3</i>	<i>16.2</i>		
	<i>S-V 494</i>	<i>16.2</i>	<i>14.8</i>		<i>16.2</i>		
	<i>S-V 805</i>	<i>16.2</i>	<i>14.8</i>		<i>16.2</i>		
	<i>Rtr 150</i>	<i>16.2</i>	<i>14.8</i>		<i>16.2</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water: *15*Transparency: *100*REMARKS: *15.8 (0.8 x 100)*

11-5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
Turn #1 + 20	38-M	10:55	11:10	

11-5314

NOTES

Electric Ody. Machine used
38 Meters

10:30 a.m.	44.5	17.1	62.5	-0.3	62.2	yes
12:20 P.M.	45.5	17.8	63.6	-0.3	63.3	no
2:10	45.4	18.0	62.8	-0.3	62.5	no
4:00	47.5	17.4	62.0	-0.3	61.7	no
6:20	44.4	17.2	62.3	-0.3	62.2	yes

May 1

6:30 P.M. Wet 44.2 Dry 17.0
Surf. 62.4° - sample
(corrected) 62.1°
cast 1681 (lat 189°)

Right angled South Bluff N 64 3/4° E, dist. 0.6 mi.
North End Inner Island S 64 3/4° W, dist. 0.9 mi.
South End " S 34° W, dist. 1.0 mi.

Station No. H 64-83

Date: May 9

191 *b*

Hour: 8:30 a. M. to — . M.

Position: Lat. Long.

Locality:

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
surf	7498523	62.2	—	-0.3	^{76.61} 61.9	0	—

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

under way

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychrometer W. 75.4 D. 19.5
15.2

Chart 1681 (late 1895)

South Bluff bears S 64 3/4° W,
dist. 3.0 miles

Station No. H 6484 Date: May 9 1916

Hour: 10:30 a. M. to ———— . M.

Position: Lat. _____ Long. _____

Locality:

Depth: Bottom: Sample:

Wind: Direction, ... Force, ...

Sea: _____ Sky: _____

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
surf	7298523	62.0	—	-0.3	61.7	X	—

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

under way

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

Psychrometer W. ~~44~~ D. 16.9
14.5

Chart 1681 (date 1877)
Right tangent North Point Seal
S $70\frac{1}{4}^{\circ}$ W, distant 6.2 miles.

NETS, ETC., USED

[illegible]

11—5314

NOTES

Psychomotor W. 15.3 O. 18.2
15.4

Chart 1006
 118°-7'-30" W
 29°-20'-20" N

under way
draper

1916

Hour: 4:30 P. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

Depth	Thermometer Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
surf.	nz 98523	61.0	—	-0.3	60.7	X	—

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

Under way
Strafer

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11—5314

NOTES

Psychrometer W ~~13.6~~ D 16.2
13.7
Chart 1006
Long. 118°-5'-00" W
Lat. 29°-47'-30" N

Station No. H 6488 Date: May 9 1916

Date:

May 9

191

Hour: 6:30 P. M. to

. M.

Position: Lat.

Long.

Locality:

Depth:

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
surf.	#2 95523	61.3	—	-0.5	60.8	X	—

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

under way
sleifer

NETS, ETC., USED

[illegible]

11—5314

NOTES

Psychrometers W. 13.7 D. 16.5
13.8

Chart 1006
Long. 118° 2' - 25" W
Lat. 30° 00' - 00" N

Station No. *H 6489* Date: *May 10* 191*6*

Hour: 6:30 A.M. to 9:00 A.M.

Position: Lat.	Long.
----------------	-------

Locality:

Depth: Bottom: Sample:

Wind: Direction, _____ Force, _____

Sea: Sky:

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
surf	12 98533	60.0	—	-0.3	^{157.39} 59.7	X	—

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

under way
Sheffer

NETS, ETC., USED

[illegible]

11—5314

NOTES

Psychrometers W. ~~13.4~~ D. 15.8
 13.5

Chart 1006
Long. $117^{\circ} 41' 45''$ W.
Lat. $31^{\circ} 30' 45''$ N.

Station No. H 64-90

Date: May 10

191 6

Hour: 8:30 A. M. to ———— . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: _____ Sky: _____

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
surf	829553	60.0	—	-0.3	^{15.39} 59.7	X	

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

Under way
after

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psychronetic W 4.0 D 15.9
 14.1
 8.3%
 Chart 1006.
 Long. 117° 35'
 Lat. 31° 38' 45"

1916

. M.

Long.

Locality: Enroute to San Clemente Isl.

Sample:

Force,

Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

Station No. 7160472

Date: 11-11-13

191

Hour: 4:30 P. M. to — . M.

Position: Lat.	Long.
----------------	-------

Locality:

Depth: Bottom: Sample:

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

191 

Hour: 6:30 P. M. to — . M.

Position: Lat. _____ Long. _____

Locality:

Depth: _____ Bottom: _____ Sample: _____

Wind: Direction, _____ Force, _____

Sea: _____ Sky: _____

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Transparency:

11—5314

Station No. H 6494

Date: May 20

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Hour: 6:30 A.M. to — . M.

Position: Lat.

Long.

Locality: Off San Clemente Id

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Psych. W 12.0 D 14.6
12.1

Position doubtful;
within 5 miles of S.E. end of San Clemente Is.

Station No. *H 6495*Date: *May 20* 191*6*Hour: *4:46* P. M. to*5:12* P. M.

Position: Lat.

Long.

Locality: *San Clemente Island*Depth: *30 meters* Bottom: *fine g. S*

Sample:

Wind: Direction, *7/8 N* Force, *3*Sea: *C.*Sky: *b2 - C2S - 2.*

TEMPERATURES

Depth	Thermometer— Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
<i>Surf</i>	<i>N-7 9523</i>	<i>59.0</i>		<i>-0.3</i>	<i>58.7</i>		
<i>5</i>	<i>S-V 496</i>	<i>16.25</i>	<i>16.2</i>	<i>+0.16</i>	<i>16.41</i>		<i>4</i>
	<i>S-V 494</i>	<i>16.35</i>	<i>16.2</i>				
<i>10</i>	<i>S-V 805</i>	<i>15.90</i>	<i>16.1</i>	<i>+0.07</i>	<i>15.97</i>	<i>16.4</i>	<i>1</i>
	<i>Richter 150</i>	<i>16.1</i>	<i>16.1</i>	<i>+0.2</i>	<i>16.30</i>		
<i>15</i>	<i>N-7 48156</i>	<i>60.2</i>		<i>-0.4</i>	<i>59.8</i>		<i>5</i>
	<i>N-7 67855</i>	<i>60.5</i>		<i>-0.3</i>	<i>60.2</i>		
<i>20</i>	<i>N-7 90260</i>	<i>60.0</i>		<i>-0.8</i>	<i>59.2</i>		<i>10</i>
	<i>N-7 71738</i>	<i>60.0</i>		<i>-0.6</i>	<i>59.4</i>		
<i>25</i>	<i>S-V 497</i>	<i>15.4</i>	<i>16.2</i>	<i>+0.07</i>	<i>15.47</i>		<i>13</i>
	<i>S-V 493</i>	<i>16.2</i>			<i>?</i>		

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

Left thermos of 3 fail to read

11-5314

U. Frutkin -

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	
#12 and #20 silk towed (Station B)	surf.	5-minute tow about 4 o'clock a.m.		

11-5314

NOTES

Commenced at 4:57.30; Sighting 5:00

Thermost down at 4:58 pm, up at 5:02 pm.

(Down at 5:00 pm)

Temp 15.4

wet 12.7

Station A Towed net 1000 yds. #12 & #20 net
for 5 minutes

Chart 5100

China I (San Clemente Id) bears S 65^{1/2}° W (true)
dist. 2.1 mi.

Gaslow I (San Clemente Id) bears S 58^{1/2}° E (true)
dist. 1.6 mi.

Station No. *F16436*

Date: / /

191 6

Hour: 6:30 A. M. to - . M.

Position: Lat.

Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

Station No. *H 6498*

Date: May 21

1916

Hour: 10:30 A. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

Depth	Thermometer-- Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
01 mts	N-298523	55.8	—	-0.3	^{13.05} 55.5	✓	

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

NETS, ETC., USED

Description	Depth	TIME		Speed
		Down	Up	

11-5314

NOTES

Station 11 11.56 D 13.5

Chart 5002

S.E. end San Clemente Isl. bears $S\ 88^{\circ}12' E$ (true)
 dist. 38.5 mi.

Station No. 11409

Date: 10.11.21

191 /

Hour: 12:30 P. M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: _____ Sky: _____

TEMPERATURES

Depth	Thermometer - Make and No.	Reading	Stem Temp.	Correc- tion	Corrected Temp.	W. Sample	Bottle used
0 m	N-2 98523	56.4	—	-0.3	13.39 56.1	X	

CURRENTS

[illegible]

Color of water: Transparency:

REMARKS:

11—5314

Station No. 416500

Date: 7/21/21

191 *L*

Hour: 2:30 P. M. to —

. M.

Position: Lat.

Long.

Locality:

Depth:

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

TEMPERATURES

[illegible]

CURRENTS

Depth	Hour	Tide	Time down	Revolutions	Speed	Direction

Color of water:

Transparency:

REMARKS:

11—5314

Station No. H 6501

Date: May 21

191 6

Hour: 4:30 P. M. to -

. M.

Position: Lat.

Long.

Locality:

Depth:

Bottom:

Sample:

Wind: Direction,

Force,

Sea:

Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

Station No. H 6502

Date: May 21

191 C

Hour: 6:30 P. M. to ~~7:00~~ . M.

Position: Lat.	Long.
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Locality:

Depth:	Bottom:	Sample:
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Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

Station No. *H 6503*

Date: 5-22 - 1916

Hour: 6³⁰ a . M. to — . M.

Position: Lat. Long.

Locality:

Depth: Bottom: Sample:

Wind: Direction, Force,

Sea: Sky:

TEMPERATURES

[illegible]

CURRENTS

[illegible]

Color of water:

Transparency:

REMARKS:

11—5314

under way
F.P.F.

